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PATENTS

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:)
Volker MITTENDORF, et al.)
U.S. Application No. 10/523,503) Art Unit: Not yet assigned
U.S. Filing Date: February 2, 2005) Examiner: Not yet assigned
Int'l App. No. PCT/US03/024364)
Int'l Filing Date August 4, 2003)
For: SUGAR AND LIPID METABOLISM)
REGULATORS IN PLANTS IV)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The citation of information on the attached Form PTO-1449, "Information Disclosure Statement" is made pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of each of the cited references is enclosed herewith, with the exception of U.S. Patent No. 5,777,201 and the PCT Publication WO03/014376, which should be readily available to the Patent Office.

The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Respectfully submitted,

Kathryn H. Wade

Kathryn H. Wade, Ph.D.
Reg. No. 54,682

Date: May 13, 2005

SUTHERLAND, ASBILL & BRENNAN, LLP
999 Peachtree Street, N.E.
Atlanta, Georgia 30309-3996
Tel: (404) 853-8000
Fax: (404) 853-8806
Docket No.: 16313-0346

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<p>Substitute for form 1479/PTO TRADEMARKS/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)</p>				Complete if Known	
				Application Number	10/523,503
				Filing Date	February 2, 2005
				First Named Inventor	Volker MITTENDORF et al.
				Art Unit	To be Assigned
				Examiner Name	To be Assigned
Sheet	1	of	2	Attorney Docket Number	16313-0346

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1.	US-5,777,201	07-07-1998	Poutre, et al.	
	A2.	US-			
	A3.	US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Patent Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ - Number ⁴ Kind Code ² (if known)			
	B1.	WO 03/014376 A2	02-20-2003	BASF Plant Science GmbH	
	B2.				
	B3.				

Examiner Signature		Date Considered	
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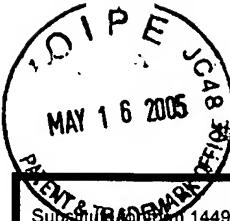
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	C1.	THE ARABIDOPSIS GENOME INITIATIVE 2000 Analysis of the genome sequence of the flowering plant Arabidopsis thaliana. <i>Nature</i> 408:796-844			
	C2.	BEISSON ET AL., 1997, "An esterase neosynthesized post-germinated sunflower seeds is related to a new family of lipolytic enzymes," <i>Plant Physiol. Biochem</i> 35(10):761-65.			
	C3.	BUHR ET AL., 2002, "Ribozyme termination of RNA transcripts down-regulate seed fatty acid genes in transgenic soybean", <i>The Plant Journal</i> 30(2):155-63.			
	C4.	ECCLESTON AND OHLROGGE, 1998, "Expression of Lauroyl-Acyl Carrier Protein Thioesterase in <i>Brassica napus</i> Seeds Induces Pathways for Both Fatty Acid Oxidation and Biosynthesis and Implies a Set Point for Triacylglycerol Accumulation", <i>The Plant Cell</i> , 10:613-21.			
	C5.	FOCKS & BENNING, 1998, "wrinkled1: A Novel, Low-Seed-Oil Mutant of Arabidopsis with a Deficiency in the Seed-Specific Regulation of Carbohydrate Metabolism", <i>Plant Physiol.</i> , 118:91-101.			
	C6.	HÄRTEL ET AL., 2000, "DGD1 – independent biosynthesis of extraplastidic galactolipids after phosphate deprivation in <i>Arabidopsis</i> ", <i>Proc. Natl. Acad. Sci. USA</i> , 97 (19):10649-10654.			
	C7.	HATJE ET AL., 1989, "World Importance of Oil Crops and Their Products", <i>Oil Crops of the World-Their Breeding and Utilization</i> , eds. Röbbelen, Downey, and Ashri, pp.1-21.			
	C8.	HÖFGEN AND WILLMITZER, 1990, "Biochemical and Genetic Analysis of Different Patatin Isoforms Expressed in Various Organs of Potato (<i>Solanum tuberosum</i>)", <i>Plant Sci.</i> 66:221-230.			
	C9.	HOLVOET ET AL., 2000, "The Arg123-Tyr166 Central Domain of Human ApoAI Is Critical for Lecithin:Cholesterol Acyltransferase-Induced Hyperalphalipoproteinemia and HDL Remodeling in Transgenic Mice," <i>Arteriosclerosis Thrombosis Vascular Biology</i> , 20:459-466.			
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Complete if Known

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Sheet	2	of	2	Attorney Docket Number	16313-0346
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NON PATENT LITERATURE DOCUMENTS

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	C10.	HURRY ET AL., 2000, "The role of inorganic phosphate in the development of freezing tolerance and the acclimatization of photosynthesis to low temperature is revealed by the <i>pho</i> mutants of <i>Arabidopsis thaliana</i> ", <i>The Plant Journal</i> , 24(3):383-396.	
	C11.	KINNEY ET AL., 1994, "Genetic Modification of the Storage Lipids of Plants," <i>Current Opin. in Biotech.</i> 5:144-151.	
	C12.	MAHMOUD AND CROTEAU, 2001, "Metabolic Engineering of Essential Oil Yield and Composition in Mint by Altering Expression of Deoxylulose Phosphate Reductoisomerase and Menthofuran Synthase," <i>Proc. Natl. Acad. Sci. USA</i> 98(15):8915-20.	
	C13.	MERLOT ET AL., 2001, "The ABI1 and ABI2 protein phosphatases 2C act in a negative feedback regulatory loop of the abscisic acid signaling pathway", <i>The Plant Journal</i> , 15(3):295-303.	
	C14.	METZ ET AL., 2000, "Purification of a Jojoba Embryo Fatty Acyl-Coenzyme A Reductase and Expression of Its cDNA in High Erucic Acid Rapeseed," <i>Plant Physiology</i> 122:635-644.	
	C15.	MEYER ET AL., 1994, "A protein phosphatase 2C involved in ABA signal transduction in <i>Arabidopsis thaliana</i> ", <i>Science</i> 264:1452-55.	
	C16.	MITSUKAWA ET AL., 1997, "Overexpression of an <i>Arabidopsis thaliana</i> high-affinity phosphate transporter gene in tobacco cultured cells enhances cell growth under phosphate-limited conditions", <i>Proc. Natl. Acad. Sci. USA</i> , 94 (13):7098-7102.	
	C17.	MUELLER ET AL., 2000, "Lipid Phosphorylation in Chloroplast Envelopes", <i>The Journal of Biological Chemistry</i> , 275 (26):19475-19481.	
	C18.	OGAS ET AL., 1997, "Cellular Differentiation Regulated by Gibberellin in the <i>Arabidopsis thaliana</i> pickle Mutant", <i>Science</i> 277:91-94.	
	C19.	OGAS, ET AL. 1999, "PICKLE is a CHD3 chromatin-remodeling factor that regulates the transition from embryonic to vegetative development in <i>Arabidopsis</i> ", <i>Proc. Natl. Acad. Sci. USA</i> 96:13839-13844.	
	C20.	OHLROGGE ET AL., 2000, "Fatty acid synthesis: from CO ₂ to functional genomics", <i>Biochem. Soc. Trans.</i> 28(6):567-73.	
	C21.	PARVEEZ, ET AL., 2000, "Transgenic Oil Palm: Production and Projection," <i>Biochem. Soc. Trans.</i> 28(6):969.	
	C22.	SAVAGE & OHLROGGE, 1999, "Phosphorylation of pea chloroplast acetyl-CoA carboxylase", <i>The Plant Journal</i> , 18(5):521-527.	
	C23.	WHITE ET AL., 2000, "A New Set of <i>Arabidopsis</i> Expressed Sequence Tags from Developing Seeds. The Metabolic Pathway from Carbohydrates to Seed Oil," <i>Plant Physiol.</i> , 124:1582-1594.	
	C24.	ZOU ET AL., 1997, "Modification of Seed Oil Content and Acyl Composition in the Brassicaceae By Expression of a Yeast sn-2 Acyltransferase Gene," <i>Plant Cell</i> 9:909-23.	
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